

## Case 269 : Narrative

Case Vehicle (A): 1999 GMC	Vehicle (B): 1997 Honda
Type: Savana, extended cargo van	Type: Civic, 4-door sedan
Driver: 37-year-old male	Driver: 21-year-old male
CDC: 12-FDEW-4	CDC: 99-0000-0

### SITUATION

1 Case vehicle (A) was traveling west in the inside westbound lane of a four-lane divided highway. Vehicle (X) was traveling west in the outside westbound lane of the same roadway ahead of case vehicle (A). Vehicle (B) was traveling east in the outside eastbound lane of the same roadway. It was daylight and cloudy, and the roadway was dry and in good condition.

2 The driver of vehicle (B) reportedly fell asleep and vehicle (B) departed the roadway off the north shoulder of the eastbound lanes. As vehicle (B) entered the grass median, it began to rotate counterclockwise as it traversed the median. As vehicle (B) approached the south shoulder of the westbound travel lanes, it became airborne and entered the path of vehicle (X) with the rear end facing north. The front of vehicle (X) struck the left side of vehicle (B). Vehicle (B) continued to rotate counterclockwise as it separated from vehicle (X) and entered the path of case vehicle (A). The driver of case vehicle (A) attempted to avoid a collision by veering to the right but was unable to do so. The front of case vehicle (A) struck the left side of vehicle (B). The impact caused case vehicle (A) to enter a clockwise rotation and depart the roadway off of the north shoulder before it came to rest on the north side of the westbound lanes. After the second left-side impact, vehicle (B) separated into two pieces. The front portion of the vehicle came to rest facing north, straddling the south shoulder of the westbound lanes and the median. The rear portion of vehicle (B) came to rest near the middle of the median. The driver, center-front, and right-front passengers of case vehicle (A) were transported to a local hospital for treatment. The

driver of vehicle (B) was transported to a local level-one trauma center where he was hospitalized. Both vehicles were towed due to damage.

## GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[3](#) Damage to case vehicle (A) was moderate. The direct damage length was 150 cm and began at the left-front bumper corner and extended into the area of the right headlight assembly, resulting in 78% vehicle overlap. The maximum crush at bumper level was 50 cm and occurred at the left-front bumper corner. The left wheelbase was reduced 44 cm, and the right wheelbase was reduced 2 cm.

[4](#) [5](#) Damage to vehicle (B) was very severe. The direct damage length for the impact with case vehicle (A) is estimated to be 165 cm. It began below the left C-pillar and extended to the front of the vehicle. The separation of the vehicle into two pieces precluded documentation of a crush profile and wheelbase measurements. Using the WinSMASH accident-reconstruction program (ROLDMISS module) and [6](#) [7](#) [8](#) c-values for case vehicle (A), the following impact severities were calculated:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	Delta V	23 (14)	-22 (-14)	4 (2)
Vehicle (B)	Delta V	54 (34)	-18 (-12)	51 (32)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

[9](#) Damage to the front of the vehicle began at the left-front bumper corner and extended into the area of the right headlight assembly. The front bumper, the radiator, and the hood

were crushed rearward. Both of the headlight assemblies were missing from the vehicle. The hood latch was damaged, but it did not jam and did not release. Both hood hinges were damaged, but did not separate. The rear edge of the hood was elevated, but it did not contact the windshield. Induced deformation of the left A-pillar cracked the windshield. There was a 12-cm hole in the upper-left portion of the windshield that appeared to be related to the buckling of the lower portion of the upper-left A-pillar.

[10](#) The upper and lower portions of the left A-pillar were deformed and displaced rearward resulting in minor buckling of the left-roof siderail and roof. The left door was jammed shut and the left window was shattered. [11](#) The left-front wheel was displaced rearward 44 cm and the sill below the left door was buckled.

[12](#) [13](#) There was minor buckling of the right fender from the frontal impact. Both of the right-side doors remained closed and operational. No other damage was noted on the right side of the vehicle, and no damage was noted to the rear of the vehicle.

## Interior

[14](#) [15](#) [16](#) [17](#) [18](#) [19](#) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact. No damage was noted to the airbag skins or [20](#) [21](#) [22](#) [23](#) to the module doors/flaps. [24](#) The steering-wheel rim was not deformed and [25](#) [26](#) the steering column was off of the shear capsules and was slightly rotated to the left.

[27](#) [28](#) [29](#) The lower portion of the left-upper A-pillar was deformed and the A-pillar trim was cracked. [30](#) The instrument panel was deformed as a result of displacement of structural components. [31](#) [32](#) The left portion of the instrument panel fascia was dislodged, probably as a result of buckling, but possibly as a result of efforts to salvage the radio. The instruments and climate controls were displaced. The A/C vents were damaged. [33](#) [34](#) The driver knee bolster was deformed as a result of the instrument-panel buckling and driver contact. [35](#) [36](#) The driver-door interior panel and the left kickpanel were buckled and displaced to the right. There was a scuff mark associated with a crack in the right portion of

the driver knee bolster, possibly due to contact by the center-front passenger. The driver-door window was shattered. [37](#) The parking-brake pedal was deformed. [38](#) The left-front seat cushion was slightly deformed by the intruding door and the seat tracks were jammed. [39](#) [40](#) [41](#) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
left front	door	23	to right
left front	kickpanel	20	to right
left front	floor-pan	8*	up

\* estimated

## OCCUPANT INJURIES AND KINEMATICS

The 5-ft, 10-in, 180-lb, 37-year-old male driver [42](#) was reportedly wearing the available three-point belt, although there is no evidence on the D-ring of belt usage, and [43](#) the steering-wheel frontal-impact airbag deployed.

[44](#) During the frontal impact, he moved forward and slightly to the left relative to the interior of the vehicle, into the shoulder belt and airbag. He sustained contusions and abrasions to the head, probably from contact with the airbag, but possibly from contact with the driver-side window. He also sustained muscle strain in the lumbrosacral spine, probably due to impact forces.

The 5-ft, 5-in, 120-lb, 48-year-old female center-front passenger was reportedly sitting on a box in the space between the seats and neither a belt restraint nor a frontal-impact airbag were available.

[45](#) During the frontal impact, she moved forward and slightly to the left relative to the interior of the vehicle, into the center console and instrument panel. She sustained a

laceration to the left side of the head, contusions to the left side of the chest, and abrasions to the right hand, probably from contact with the center instrument panel.

The 4-ft, 0-in, 60-lb, 9-year-old female right-front passenger was reportedly wearing the available three-point belt and [46](#) the passenger frontal-impact airbag deployed. [47](#) During the impact, she moved forward and slightly to the left relative to the interior of the vehicle, into the shoulder belt and airbag. She sustained abrasions and contusions to her lips and a contusion to the jaw, probably from contact by the airbag. She also sustained an abrasion to one leg, probably from contact with the knee bolster.

The following tables and [48](#) [49](#) [50](#) attached drawings summarize the injuries sustained by the driver, center-front and right front passengers.

Occupant: Driver	Age: 37 years	Gender: Male		
Restraints: 3-point belt worn; airbag deployed	Stature: 178 cm (5 ft, 10 in)	Mass: 82 kg (180 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Contusion, head	1	—	Side window	—
Abrasion, head	1	—	Side window	—
Strain, lumbrosacral spine	1	—	Impact forces	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	2	—	—	—

Occupant: Center front	Age: 48 years	Gender: Female		
Restraints: 3-point belt and airbag not available	Stature: 165 cm (5 ft, 5 in)	Mass: 54 kg (120 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Laceration, left side of head	1	—	Center instrument panel	—
Contusion, left side of chest	1	—	Center instrument panel	—
Abrasion, right hand	1	—	Center instrument panel	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

Occupant: Right front	Age: 9 years	Gender: Female		
Restraints: 3-point belt worn; airbag deployed	Stature: 122 cm (4 ft, 0 in)	Mass: 25 kg (60 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Contusion, lips	1	—	Airbag	—
Abrasion, lips	1	—	Airbag	—
Contusion, jaw	1	—	Airbag	—
Abrasion, lower leg	1	—	Airbag	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

CASE NO.: 269-01

CASE VEHICLE: 1999 GMC

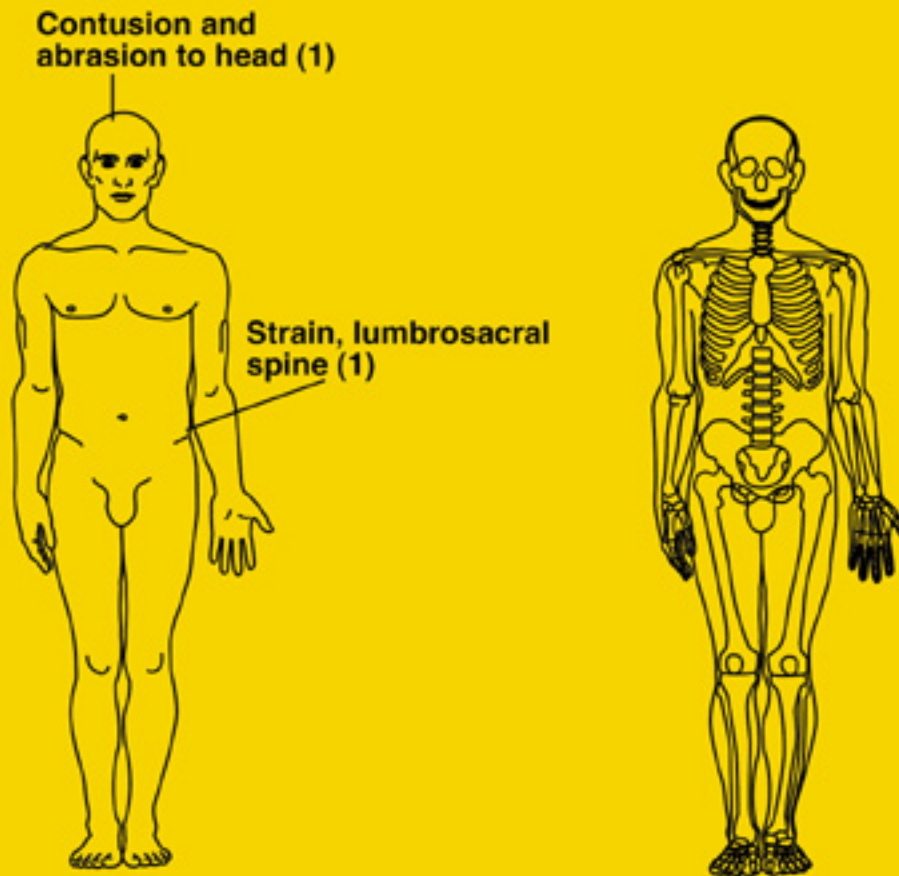
TYPE: Savana, extended cargo van

OCCUPANT: (Driver): 37-year-old male

STATURE: 178 cm (5 ft, 10 in)      MASS: 82 kg (180 lb)

RESTRAINTS: 3-point belt worn; airbag deployed

SEVERITY:    MAIS - 1    ISS - 2



CASE NO.: 269-01

CASE VEHICLE: 1999 GMC

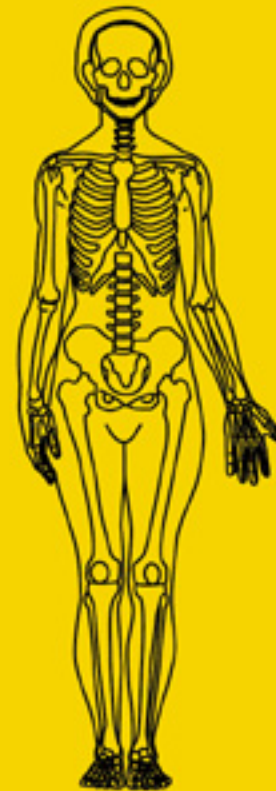
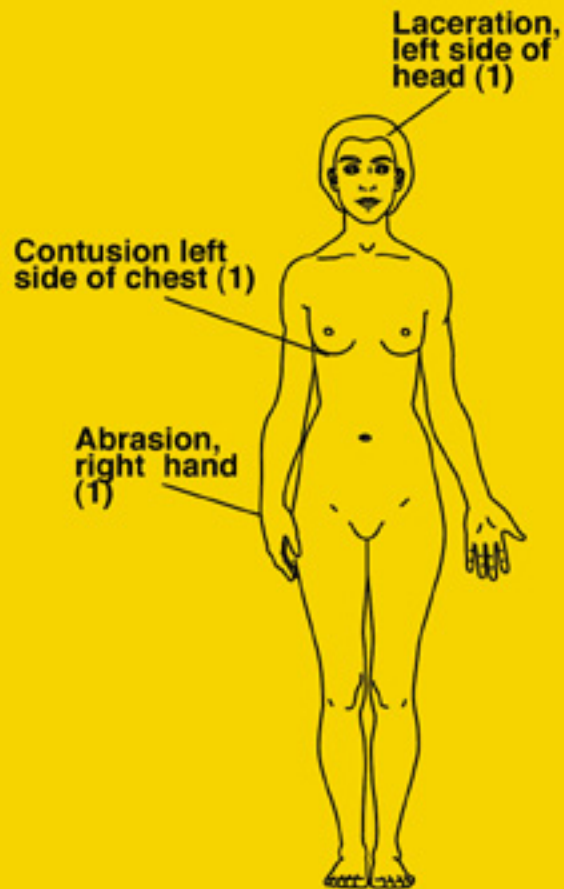
TYPE: Savana, extended cargo van

OCCUPANT: (Center front): 48-year-old female

STATURE: 165 cm (5 ft, 5 in)      MASS: 54 kg (120 lb)

RESTRAINTS: 3-point belt and airbag not available

SEVERITY:    MAIS - 1      :    ISS - 1





CASE NO.: 269-01

CASE VEHICLE: 1999 GMC

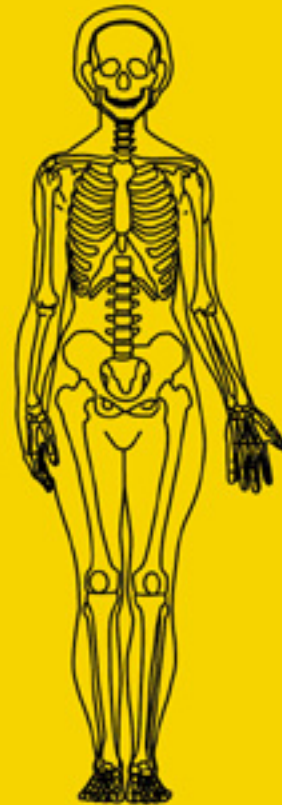
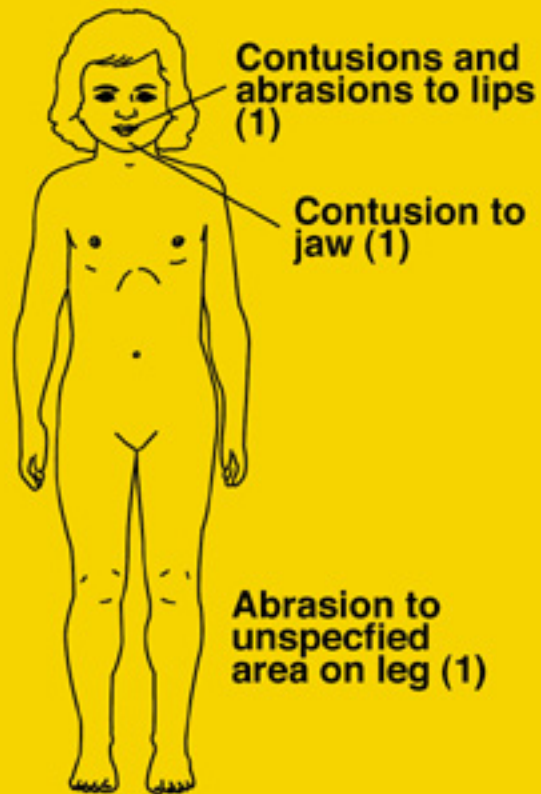
TYPE: Savana, extended cargo van

OCCUPANT: (Right front) 9-year-old female

STATURE: 122 cm (4 ft 0 in) MASS: 27 kg (60 lb)

RESTRAINTS: 3-point belt worn; airbag deployed

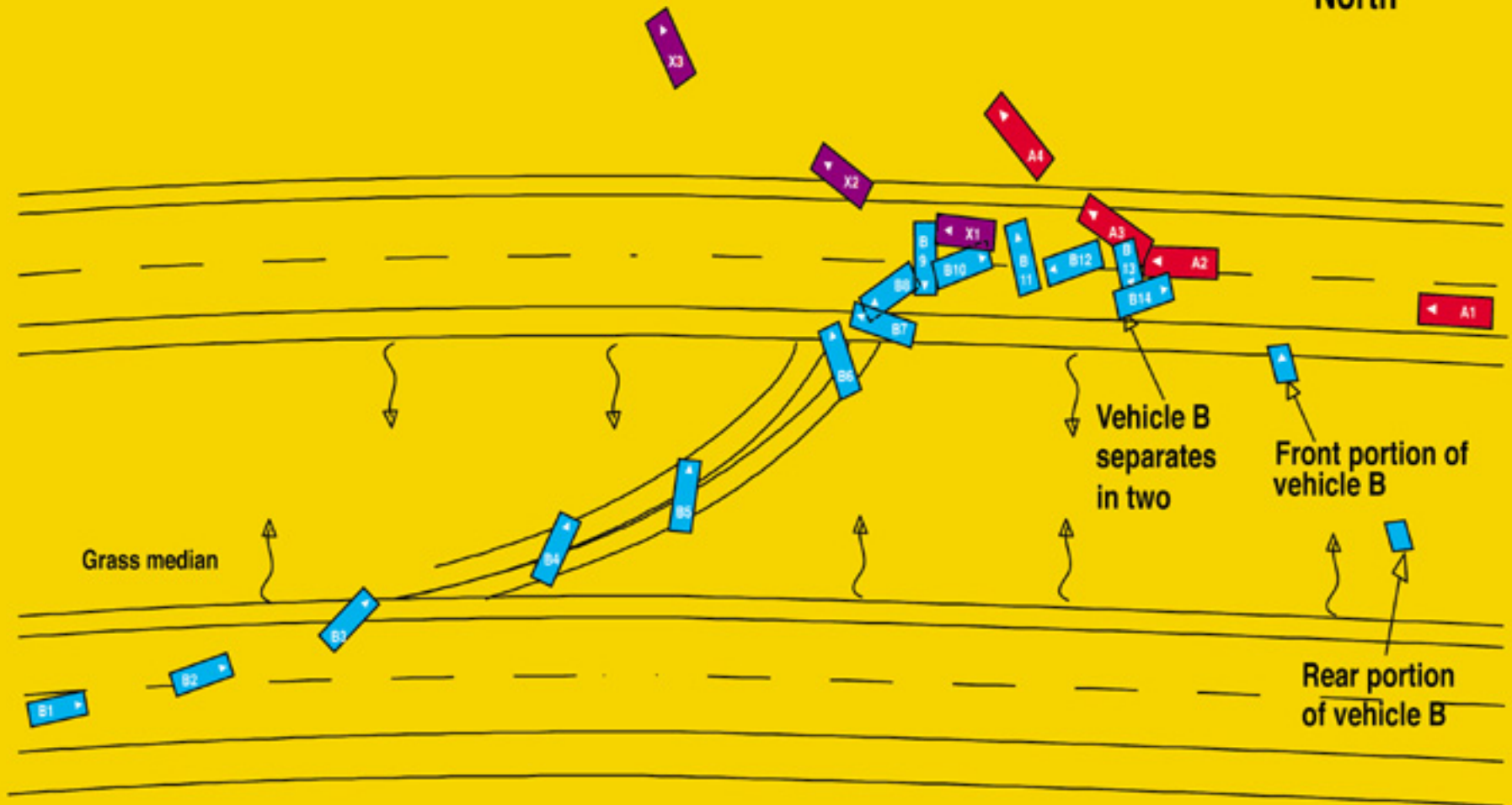
SEVERITY: MAIS - 1 : ISS - 1



Case No.: 269-01  
Veh. (A): 1999 GMC  
Type: Savana, extended cargo van  
Driver: 37-year-old male  
Veh. (B): 1997 Honda Civic, 4-door sedan

Light Conditions: Daylight  
Weather: Cloudy  
Road Surface: Dry  
Road Construction: Asphalt

North  
↑



# Vehicle Report

## General

## Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	<a href="#">more</a>
V207 — Limited Access Highway	1	Yes	<a href="#">more</a>
V208 — Road Total Lanes	5	Divided, 4 lanes or more	<a href="#">more</a>
V209 — Intersecting Road Total Lanes	8	Not applicable	<a href="#">more</a>
V210 — Road Surface Type	1	Asphalt	<a href="#">more</a>
V211 — Road Defects	0	No	<a href="#">more</a>
V212 — Construction Zone	0	No	<a href="#">more</a>
V213 — Road Alignment Vertical Plane	1	Level	<a href="#">more</a>
V214 — Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V215 — Surface Covering	10	Dry	<a href="#">more</a>
V216 — Visibility Limitation	0	None	<a href="#">more</a>
V217 — Visibility Obstruction	0	None	<a href="#">more</a>
V218 — Speed Limit	8	106+ km/h .. 65+ mph	<a href="#">more</a>
V219 — Precipitation Type	0	None	<a href="#">more</a>
V220 — Precipitation Rate	8	Not applicable	<a href="#">more</a>
V221 — Temperature	9	Unknown	<a href="#">more</a>
V222 — Crosswind	9	Unknown	<a href="#">more</a>
V223 — Light Conditions	1	Daylight	<a href="#">more</a>
V224 — Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V225 — Case Vehicle and Object	0	No	<a href="#">more</a>
V226 — Case Vehicle Rollover	0	No	<a href="#">more</a>

V227 — Case Vehicle Ran Off Roadway	0	No	<a href="#">more</a>
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	<a href="#">more</a>
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	<a href="#">more</a>
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	<a href="#">more</a>
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	<a href="#">more</a>
V232 — Any Fire in Crash	0	No	<a href="#">more</a>
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	<a href="#">more</a>
V234 — Driver Alcohol Involvement	0	Had not been drinking	<a href="#">more</a>
V235 — Driver Alcohol BAC	80	Not tested	<a href="#">more</a>
V236 — Driver Impairment Mention	0	No	<a href="#">more</a>
V237 — Driven/Towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1HGEJ6674VC0	—	—
V302 — Other Vehicle Manufacturer/Body Code	88127	—	—
V303 — Other Vehicle Manufacturer	881	Honda	<a href="#">more</a>
V304 — Other Vehicle Body Code	27	Compact 100-104.9 in. wb.	<a href="#">more</a>
V305 — Other Vehicle Make/Model	2321	Civic	<a href="#">more</a>
V306 — Other Vehicle Model Year	1997	—	—
V307 — Other Vehicle Mass	001060 kg	—	—
V308 — Other Vehicle Number	0	No separate report	<a href="#">more</a>
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V311 — Highest Police Injury Severity	3	A - Incapacitating Injury	<a href="#">more</a>
V312 — Other Vehicle Type	27	Compact 100-104.9 in. wb.	<a href="#">more</a>
V313 — Other Vehicle Wheelbase (cm)	262 cm	—	—
V314 — Average Track Width	148 cm	—	—
V315 — Overall Length	445 cm	—	—
V316 — Overall Width (OAW)	171 cm	—	—
V317 — Front Overhang (FOH)	086 cm	—	—
V318 — Rear Overhang (ROH)	097 cm	—	—
V319 — Undeformed End Width (UEW)	150 cm	—	—
V320 — Engine Displacement	1.6 <i>l</i>	—	—
V321 — Engine: Number of Cylinders	04	—	—
V322 — Direct Damage Length (DDL)	999	Unknown	<a href="#">more</a>
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	<a href="#">more</a>
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle

### General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1GTHG39R3X11	—	—
V402 — Manufacturer/Body Code	11611	—	—
V403 — Vehicle Manufacturer	116	GMC Truck and Coach	<a href="#">more</a>
V404 — Vehicle Body Code	11	—	—
V405 — Make/Model Code	3031	Savana Van	<a href="#">more</a>
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	002528 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	03	—	—
V410 — Traveling Speed	999	Unknown	<a href="#">more</a>
V411 — Body Type	25	Van (large)	<a href="#">more</a>
V412 — Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V413 — Body Structure	1	Body and frame	<a href="#">more</a>
V414 — Transmission Type	1	Automatic	<a href="#">more</a>
V415 — Transmission Lever Location	3	Column	<a href="#">more</a>
V416 — Steering	1	Power	<a href="#">more</a>
V417 — Brakes	1	Power	<a href="#">more</a>
V418 — Brake Type	3	Disc - all wheels	<a href="#">more</a>
V419 — Brake Anti-lock Device	2	Four-wheel	<a href="#">more</a>
V420 — Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V421 — Drive Type	1	Rear wheel	<a href="#">more</a>
V422 — Dual Rear Wheels	0	No	<a href="#">more</a>
V423 — Original Restraint System Type	3	Airbag	<a href="#">more</a>

V424 — Equipped With Roll Bar	0	No	<a href="#">more</a>
V425 — Roof Type	1	Solid	<a href="#">more</a>
V426 — Wheelbase	394 cm	—	—
V427 — Anti-lacerative Glass	0	None	<a href="#">more</a>
V428 — Average Track Width	170 cm	—	—
V429 — Overall Length	607 cm	—	—
V430 — Overall Width (OAW)	200 cm	—	—
V431 — Front Overhang	090 cm	—	—
V432 — Rear Overhang	122 cm	—	—
V433 — Undeformed End Width (UEW)	190 cm	—	—
V434 — Engine Displacement	5.7 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	08	—	—
V436 — Direct Damage Length (DDL)	150 cm	—	—
V437 — Front End Overlap % (FEO)	79	—	—
V438 — Vehicle Overlap % (VOL)	78	—	—

## Case Vehicle

## Damage

## Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	050 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V507 — Are Events In Chronological Order	1	Yes	<a href="#">more</a>
V508 — Event 1 Impact Location	1	On Roadway	<a href="#">more</a>
V509 — Event 1 Impact Configuration	13	FRONT of case veh - SIDE of contacted Vehicle	<a href="#">more</a>
V510 — Event 1 Object/Vehicle Contacted	27	Compact 100-104.9 in. wb.	<a href="#">more</a>
V511 — Event 2 Impact Location	8	No 2nd event	<a href="#">more</a>
V512 — Event 2 Impact Configuration	88	No 2nd event	<a href="#">more</a>
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V514 — Event 3 Impact Location	8	No 3rd event	<a href="#">more</a>
V515 — Event 3 Impact Configuration	88	No 3rd event	<a href="#">more</a>
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V517 — Event 4 Impact Location	8	No 4th event	<a href="#">more</a>
V518 — Event 4 Impact Configuration	88	No 4th event	<a href="#">more</a>
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V520 — Event 5 Impact Location	8	No 5th event	<a href="#">more</a>
V521 — Event 5 Impact Configuration	88	No 5th event	<a href="#">more</a>
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>



V523 — Event 6 Impact Location	8	No 6th event	<a href="#">more</a>
V524 — Event 6 Impact Configuration	88	No 6th event	<a href="#">more</a>
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V526 — Event 7 Impact On Road	8	No 7th event	<a href="#">more</a>
V527 — Event 7 Impact Configuration	88	No 7th event	<a href="#">more</a>
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	<a href="#">more</a>
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	<a href="#">more</a>
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V532 — Primary CDC Case Vehicle -crush	050	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	<a href="#">more</a>
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	<a href="#">more</a>
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	<a href="#">more</a>
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V538 — Primary CDC Case Vehicle Extent #1	04	Extent 4	<a href="#">more</a>
V539 — Primary CDC Case Vehicle -CDC #1	12FDEW4	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V549 — Primary CDC Contacted Vehicle -crush	999	Unknown	<a href="#">more</a>
V550 — Primary CDC Contacted Vehicle -clock #1	99	Unknown or no damage	<a href="#">more</a>
V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>

V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V556 — Primary CDC Contacted Vehicle -CDC #1	9900000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	8	Not applicable	<a href="#">more</a>
V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V566 — Secondary CDC Case Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact	998	Not Applicable	<a href="#">more</a>

Speed			
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

## Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	023 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-022 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0004 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0053 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	21	Reconstructed, low confidence level	<a href="#">more</a>
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	054 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-018 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	0051 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0144 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—
V617 — Secondary Case Vehicle Reconstruction Note	88	—	—
V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>

V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	043 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-043 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0008 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0053 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V630 — Primary Contacted Vehicle Reconstruction Total EBS	999	Unknown	<a href="#">more</a>
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	9999	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	9999	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	9999	—	—
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	<a href="#">more</a>
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle	88	—	—

Reconstruction Note			
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	<a href="#">more</a>
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	150 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	050 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	164 cm	—	—
V650 — Case Vehicle Impact 1 C1	050 cm	—	—
V651 — Case Vehicle Impact 1 C2	018 cm	—	—
V652 — Case Vehicle Impact 1 C3	011 cm	—	—
V653 — Case Vehicle Impact 1 C4	005 cm	—	—
V654 — Case Vehicle Impact 1 C5	000 cm	No Crush	<a href="#">more</a>
V655 — Case Vehicle Impact 1 C6	000 cm	No Crush	<a href="#">more</a>
V656 — Case Vehicle Impact 1 +/- D	-020 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V658 — Case Vehicle Impact 2 Plane	9	Unknown	<a href="#">more</a>
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V660 — Case Vehicle Impact 2 Max Crush	999	Unknown	<a href="#">more</a>
V661 — Case Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V662 — Case Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>
V663 — Case Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V664 — Case Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>

V665 — Case Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V666 — Case Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V667 — Case Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>
V668 — Case Vehicle Impact 2 +/- D	9999	—	—
V669 — Other Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V670 — Other Vehicle Impact 1 Plane	9	Unknown	<a href="#">more</a>
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V672 — Other Vehicle Impact 1 Max Crush	999	Unknown	<a href="#">more</a>
V673 — Other Vehicle Impact 1 Field-L	999	Unknown	<a href="#">more</a>
V674 — Other Vehicle Impact 1 C1	999	Unknown	<a href="#">more</a>
V675 — Other Vehicle Impact 1 C2	999	Unknown	<a href="#">more</a>
V676 — Other Vehicle Impact 1 C3	999	Unknown	<a href="#">more</a>
V677 — Other Vehicle Impact 1 C4	999	Unknown	<a href="#">more</a>
V678 — Other Vehicle Impact 1 C5	999	Unknown	<a href="#">more</a>
V679 — Other Vehicle Impact 1 C6	999	Unknown	<a href="#">more</a>
V680 — Other Vehicle Impact 1 +/- D	9999	—	—
V681 — Other Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V682 — Other Vehicle Impact 2 Plane	9	Unknown	<a href="#">more</a>
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V684 — Other Vehicle Impact 2 Max Crush	999	Unknown	<a href="#">more</a>
V685 — Other Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V686 — Other Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>
V687 — Other Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V688 — Other Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>
V689 — Other Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V690 — Other Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V691 — Other Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>
V692 — Other Vehicle Impact 2 +/- D	9999	—	—

## Case Vehicle

### Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	<a href="#">more</a>
V702 — Right Front Wheel Damaged	0	No	<a href="#">more</a>
V703 — Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V704 — Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V705 — Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V706 — Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V707 — Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V708 — Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V709 — Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V710 — Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V711 — Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V712 — Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V717 — Left Front Tire Size	LT26575R16	—	—
V718 — Right Front Tire Size	LT26575R16	—	—
V719 — Right Rear Tire Size	LT26575R16	—	—
V720 — Left Rear Tire Size	LT26575R16	—	—



## Case Vehicle

### Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	<a href="#">more</a>
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	<a href="#">more</a>
V803 — Main Filler Cap Location	313	Left of frame laterally - above vertically	<a href="#">more</a>
V804 — Main Tank Material	3	Plastic	<a href="#">more</a>
V805 — Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V806 — Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V808 — Aux Tank Material	8	Not applicable	<a href="#">more</a>
V901 — Fuel Leakage From Crash	0	No	<a href="#">more</a>
V1001 — Fire In Or On Case Vehicle	0	No	<a href="#">more</a>

## Case Vehicle

### Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	<a href="#">more</a>
V1102 — Hood Latch Damaged	1	Yes	<a href="#">more</a>
V1103 — Hood Latch Jammed	0	No	<a href="#">more</a>
V1104 — Left Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1105 — Left Hood Hinge Separated	0	No	<a href="#">more</a>
V1106 — Right Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1107 — Right Hood Hinge Separated	0	No	<a href="#">more</a>
V1108 — Hood Remained On Vehicle	1	Yes	<a href="#">more</a>
V1109 — Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110 — Edge Contacted Windshield	0	No	<a href="#">more</a>
V1111 — Edge Penetrated Windshield	8	Not applicable	<a href="#">more</a>
V1112 — Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113 — Eng/Transmissn Mount Separation	0	No	<a href="#">more</a>
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	<a href="#">more</a>
V1115 — Steerng Column Coupling Damaged	9	Unknown	<a href="#">more</a>
V1116 — Steerng Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117 — Eng Comp Telescopng Unit	88	Not collected	<a href="#">more</a>
V1118 — Comp Orig/Telescopd Diff	888	Not collected	<a href="#">more</a>
V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1120 — Upper Left A-pillar Separation	1	Yes	<a href="#">more</a>
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1122 — Upper Left B-pillar Separation	0	No	<a href="#">more</a>
V1123 — Lower Left B-pillar Separation	0	No	<a href="#">more</a>
V1124 — Upper Left C-pillar Separation	8	Not applicable (not	<a href="#">more</a>

		equipped)	
V1125 — Lower Left C-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1126 — Upper Left D-pillar Separation	0	No	<a href="#">more</a>
V1127 — Lower Left D-pillar Separation	0	No	<a href="#">more</a>
V1128 — Left Front Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1129 — Left Rear Door Opening Cause	8	Not applicable (no left rear door)	<a href="#">more</a>
V1130 — Left Front Door Jammed Closed	1	Yes	<a href="#">more</a>
V1131 — Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	<a href="#">more</a>
V1132 — Rear Door Type	6	Double door	<a href="#">more</a>
V1133 — Rear Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1134 — Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1135 — Luggage Partition Damagd	8	Not applicable	<a href="#">more</a>
V1136 — Spare Tire Status	8	Not collected	<a href="#">more</a>
V1137 — Trailer Hitch Type	7	Other	<a href="#">more</a>
V1138 — Trailer Type	0	No trailer	<a href="#">more</a>
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1140 — Upper Right A-pillar Separation	0	No	<a href="#">more</a>
V1141 — Lower Right A-pillar Separation	0	No	<a href="#">more</a>
V1142 — Upper Right B-pillar Separation	0	No	<a href="#">more</a>
V1143 — Lower Right B-pillar Separation	0	No	<a href="#">more</a>
V1144 — Upper Right C-pillar Separation	0	No	<a href="#">more</a>
V1145 — Lower Right C-pillar Separation	0	No	<a href="#">more</a>
V1146 — Upper Right D-pillar Separation	0	No	<a href="#">more</a>
V1147 — Lower Right D-pillar Separation	0	No	<a href="#">more</a>
V1148 — Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1149 — Right Rear Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1150 — Right Front Door Jammed Closed	0	No	<a href="#">more</a>
V1151 — Right Rear Door Jammed Closed	0	No	<a href="#">more</a>

V1152 — Van Rear Door Type	6	Double-hinged-right & left side	<a href="#">more</a>
V1153 — Windshield Cracked	1	Yes	<a href="#">more</a>
V1154 — Windshield Broken	0	No	<a href="#">more</a>
V1155 — Windshield Cracked or Broken by Occupant	0	No	<a href="#">more</a>
V1156 — Bond Separation Extent	0	None	<a href="#">more</a>
V1157 — Windshield Code	97	—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Steering

#### Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	1	Deformed slightly	<a href="#">more</a>
V1202 — Number of Steering Wheel Spokes	4	4 spokes	<a href="#">more</a>
V1203 — Steering Wheel Spoke Damage	0	None	<a href="#">more</a>
V1204 — Column Tilt Feature	3	Middle	<a href="#">more</a>
V1205 — Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1206 — Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1207 — Wheel Energy Absorb Device	8	Not collected	<a href="#">more</a>
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	<a href="#">more</a>
V1209 — Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	<a href="#">more</a>
V1211 — Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1212 — Column Vertical Rotation	0	No apparent rotation	<a href="#">more</a>
V1213 — Column Lateral Rotation	1	Left apparent rotation	<a href="#">more</a>
V1214 — Steering Wheel Hub Damage	0	None	<a href="#">more</a>

## Case Vehicle Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	<a href="#">more</a>
V1302 — Was Intrusion Catastrophic	0	No	<a href="#">more</a>
V1303 — Intrusion Number 01	01	Intrusion #1	<a href="#">more</a>
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1305 — Intrusion 01 Intruding Object	09	Door panel or side panel	<a href="#">more</a>
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1307 — Intrusion 01 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1308 — Intrusion 01 Max Intrusion Y-axis	23 cm	—	—
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1314 — Intrusion Number 02	02	Intrusion #2	<a href="#">more</a>
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1316 — Intrusion 02 Intruding Object	29	Side footwell panel (kickpanel)	<a href="#">more</a>
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1318 — Intrusion 02 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1319 — Intrusion 02 Max Intrusion Y-axis	20 cm	—	—
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>

V1325 — Intrusion Number 03	03	Intrusion #3	<a href="#">more</a>
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	<a href="#">more</a>
V1327 — Intrusion 03 Intruding Object	04	Floor pan	<a href="#">more</a>
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	<a href="#">more</a>
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331 — Intrusion 03 Max Intrusion Z-axis	08 cm	—	—
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1336 — Intrusion Number 04	00	No Intrusion, None	<a href="#">more</a>
V1337 — Intrusion 04 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1338 — Intrusion 04 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1339 — Intrusion 04 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1346 — Intrusion 04 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1347 — Intrusion Number 05	00	No Intrusion, None	<a href="#">more</a>
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1358 — Intrusion Number 06	00	No Intrusion, None	<a href="#">more</a>
V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1369 — Intrusion Number 07	00	No Intrusion, None	<a href="#">more</a>
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>



V1380 — Intrusion Number 08	00	No Intrusion, None	<a href="#">more</a>
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1391 — Intrusion Number 09	00	No Intrusion, None	<a href="#">more</a>
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1402 — Intrusion Number 10	00	No Intrusion, None	<a href="#">more</a>
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>

V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413 — Door Intrusion Number 01	01	—	—
V1414 — Door Intrusion Number 01 Cause	1	Direct impact	<a href="#">more</a>
V1415 — Door Intrusion Number 02	88	Not Applicable	<a href="#">more</a>
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	<a href="#">more</a>
V1417 — Door Intrusion Number 03	88	Not Applicable	<a href="#">more</a>
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	<a href="#">more</a>
V1419 — Door Intrusion 01 Component	01	Intrusion #1	<a href="#">more</a>
V1420 — Door Intrusion 01 Component Damaged 1	1	A-Pillar	<a href="#">more</a>
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1422 — Door Intrusion 02 Component	88	Not Applicable	<a href="#">more</a>
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1425 — Door Intrusion 03 Component	88	Not Applicable	<a href="#">more</a>
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1428 — Door Intrusion 04 Component	88	Not Applicable	<a href="#">more</a>
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	<a href="#">more</a>

## Case Vehicle Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	<a href="#">more</a>
V1502 — Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1503 — Driver Airbag Condition	0	No Damage	<a href="#">more</a>
V1504 — Passenger Airbag Equip	1	Yes	<a href="#">more</a>
V1505 — Passenger Airbag Deployed	1	Yes	<a href="#">more</a>
V1506 — Passenger Airbag Condition	0	No Damage	<a href="#">more</a>
V1507 — Steering Wheel Airbag Tether	1	Yes	<a href="#">more</a>
V1508 — Driver Airbag Marked By Contact	0	No	<a href="#">more</a>
V1509 — Passenger Airbag Tether	0	No	<a href="#">more</a>
V1510 — Passenger Airbag Marked By Contact	0	No	<a href="#">more</a>

## Case Vehicle

### Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	1	Yes	<a href="#">more</a>
V1602 — Right Front Door Damaged	0	No	<a href="#">more</a>
V1603 — Left Front Hardware Damaged	0	No	<a href="#">more</a>
V1604 — Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605 — Left Front Armrest Damaged	1	Yes	<a href="#">more</a>
V1606 — Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607 — Left Front Glass Damaged	1	Yes	<a href="#">more</a>
V1608 — Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609 — Left Rear Door Area Damaged	0	No	<a href="#">more</a>
V1610 — Right Rear Door Area Damaged	0	No	<a href="#">more</a>
V1611 — Left Rear Hardware Damaged	8	Not applicable	<a href="#">more</a>
V1612 — Right Rear Hardware Damaged	0	No	<a href="#">more</a>
V1613 — Left Rear Armrest Damaged	8	Not applicable	<a href="#">more</a>
V1614 — Right Rear Armrest Damaged	8	Not applicable	<a href="#">more</a>
V1615 — Left Rear Glass Damaged	8	Not applicable	<a href="#">more</a>
V1616 — Right Rear Glass Damaged	0	No	<a href="#">more</a>
V1617 — Left Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1618 — Right Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1619 — Left B-pillar Damaged	0	No	<a href="#">more</a>
V1620 — Right B-pillar Damaged	0	No	<a href="#">more</a>
V1621 — Left C-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1622 — Right C-pillar Damaged	0	No	<a href="#">more</a>
V1623 — Left D-pillar Damaged	0	No	<a href="#">more</a>
V1624 — Right D-pillar Damaged	0	No	<a href="#">more</a>
V1625 — Left Headlining Damaged	0	No	<a href="#">more</a>

V1626 — Right Headlining Damaged	0	No	<a href="#">more</a>
V1627 — Left Roof Structure Damaged	0	No	<a href="#">more</a>
V1628 — Right Roof Structure Damaged	0	No	<a href="#">more</a>
V1629 — Left T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630 — Right T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631 — Other Left Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1632 — Other Right Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1633 — Foot Controls Damaged	1	Yes	<a href="#">more</a>
V1634 — Ignition Key Damaged	0	No	<a href="#">more</a>
V1635 — Rear View Mirror Damaged	0	No	<a href="#">more</a>
V1636 — Sunvisor/Fitting Damaged	0	No	<a href="#">more</a>
V1637 — Windshield Molding Damaged	0	No	<a href="#">more</a>
V1638 — Left A-pillar Damaged	1	Yes	<a href="#">more</a>
V1639 — Right A-pillar Damaged	0	No	<a href="#">more</a>
V1640 — Center Console Damaged	8	Not applicable	<a href="#">more</a>
V1641 — Transmission Lever Damaged	0	No	<a href="#">more</a>
V1642 — Horn/Spoke Shroud Damagd	1	Yes	<a href="#">more</a>
V1643 — Upper Panel Damaged	1	Yes	<a href="#">more</a>
V1644 — Mid Panel Damaged	1	Yes	<a href="#">more</a>
V1645 — Lower Panel Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1646 — Ashtray Damaged	0	No	<a href="#">more</a>
V1647 — Control Knob/Lever Damaged	1	Yes	<a href="#">more</a>
V1648 — Glove Compartment Area Damaged	0	No	<a href="#">more</a>
V1649 — Instruments Damaged	1	Yes	<a href="#">more</a>
V1650 — Park Brake Release Damaged	0	No	<a href="#">more</a>
V1651 — Park Brake Pedal Damaged	1	Yes	<a href="#">more</a>
V1652 — A/C Or Upper Vent Damaged	0	No	<a href="#">more</a>
V1653 — Heater Or A/C Duct Damaged	1	Yes	<a href="#">more</a>
V1654 — Radio Damaged	9	Unknown	<a href="#">more</a>

V1655 — Other Item Damaged	8	Not applicable	<a href="#">more</a>
V1656 — Rear Window Damaged	0	No	<a href="#">more</a>
V1657 — Rear Window Header Damaged	0	No	<a href="#">more</a>
V1658 — Vertical Console Damaged	1	Yes	<a href="#">more</a>
V1659 — Roof Console Damaged	0	No	<a href="#">more</a>

## Case Vehicle

### Seats

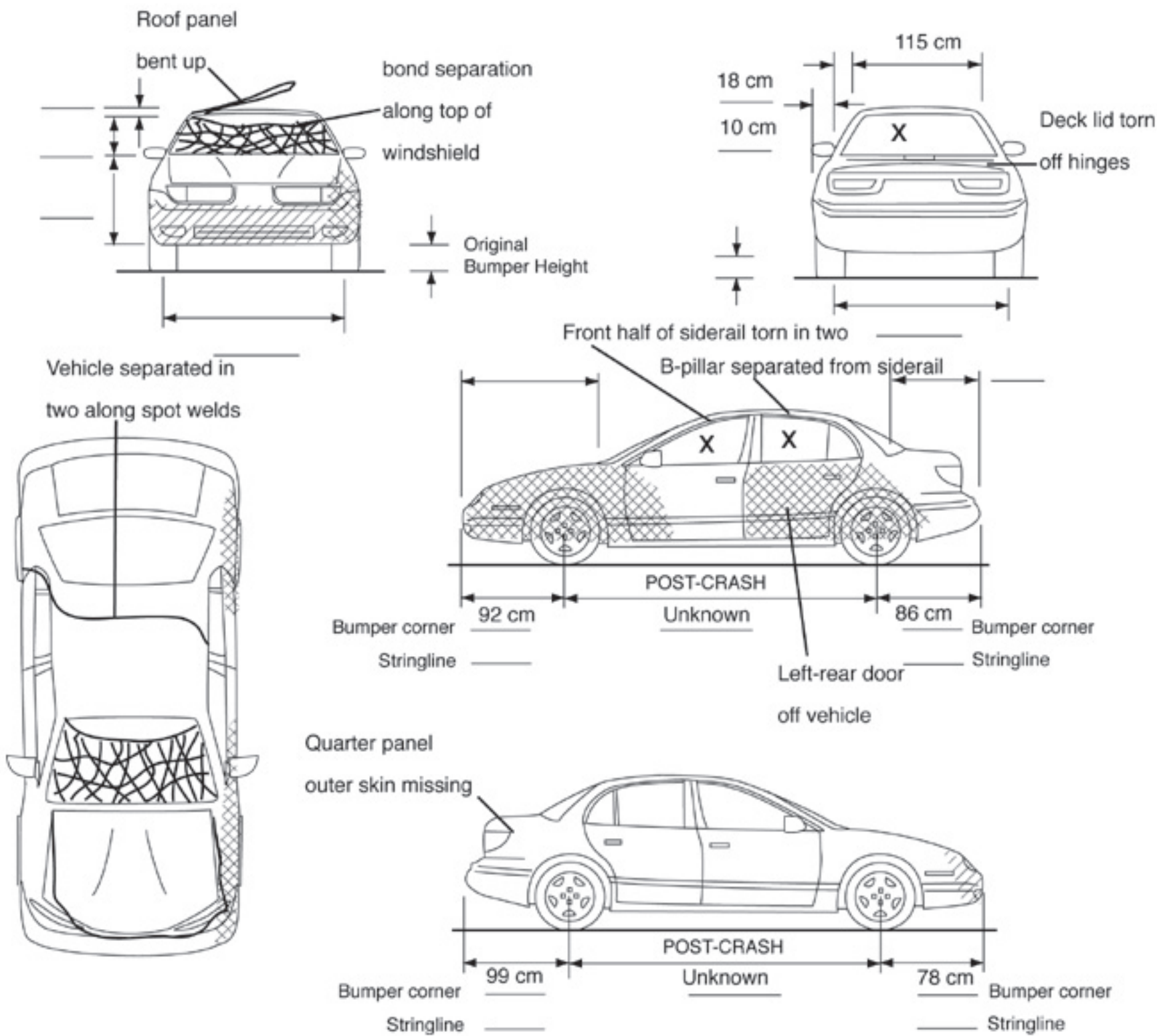
Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	<a href="#">more</a>
V1702 — Passenger Front Seat Type	05	Bucket	<a href="#">more</a>
V1703 — Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704 — Passenger Seat Mount Type	1	Standard	<a href="#">more</a>
V1705 — Driver Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1706 — Passenger Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1707 — Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708 — Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1711 — Driver Seat Damage	2	Cushion only damaged	<a href="#">more</a>
V1712 — Passenger Seat Damage	0	None	<a href="#">more</a>
V1713 — Center Front Armrest Damaged	8	Not applicable (no center armrest)	<a href="#">more</a>
V1714 — Driver Seat Rotation	0	None apparent	<a href="#">more</a>
V1715 — Passenger Seat Rotation	0	None apparent	<a href="#">more</a>
V1716 — Driver Seat-back Type	3	Reclining	<a href="#">more</a>
V1717 — Passenger Seat-back Type	3	Reclining	<a href="#">more</a>
V1718 — Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719 — Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720 — Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721 — Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>

V1722 — Driver Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1723 — Passenger Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1724 — Driver Head Restraint Type	2	Integral	<a href="#">more</a>
V1725 — Passenger Head Restraint Type	2	Integral	<a href="#">more</a>
V1726 — Driver Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1727 — Passenger Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1728 — Driver Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1729 — Passenger Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1730 — Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731 — Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732 — Driver Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1733 — Passenger Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1734 — Driver Seat Adjustment Provided	2	4-way	<a href="#">more</a>
V1735 — Passenger Seat Adjustment Provided	2	4-way	<a href="#">more</a>
V1736 — Driver Seat Adjuster Damage	2	Deformed (released/jammed)	<a href="#">more</a>
V1737 — Passenger Seat Adjuster Damage	0	None	<a href="#">more</a>
V1738 — Driver Seat Adjuster Separation	0	None	<a href="#">more</a>
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1740 — Driver Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1741 — Passenger Seat Pre-crash Position	8	Not applicable	<a href="#">more</a>
V1742 — Left Rear Seat Type	0	None	<a href="#">more</a>
V1743 — Right Rear Seat Type	0	None	<a href="#">more</a>
V1744 — Left Rear Seat Damaged	8	Not applicable	<a href="#">more</a>
V1745 — Right Rear Seat Damaged	8	Not applicable	<a href="#">more</a>
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	<a href="#">more</a>

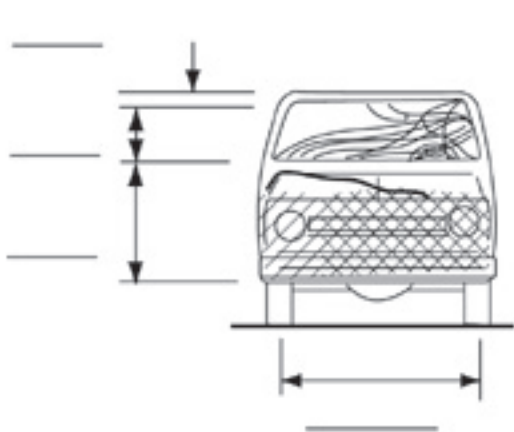


V1747 — Left Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1748 — Right Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1749 — Left Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1751 — Left Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1752 — Right Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1754 — Right Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1755 — Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1756 — Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1761 — Rear Head Restraints	8	Not Applicable (no rear seat)	<a href="#">more</a>

MEASUREMENTS IN CENTIMETERS



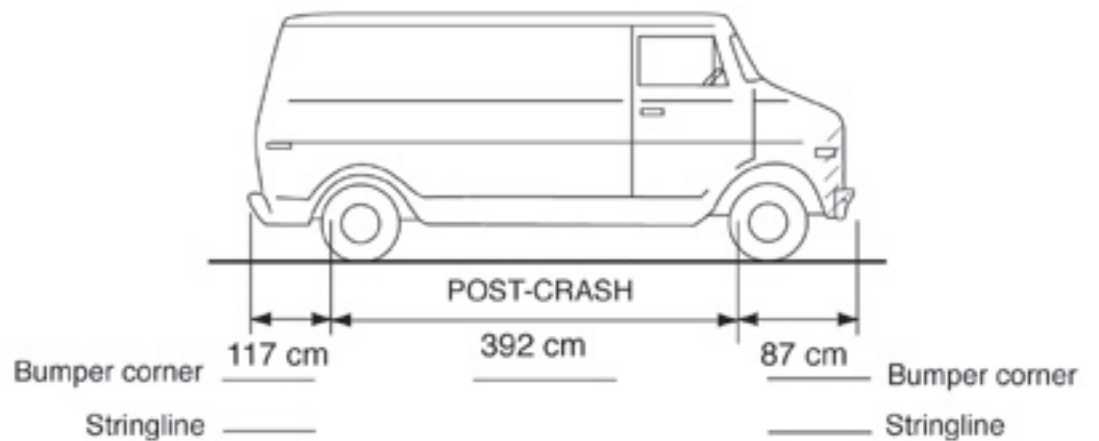
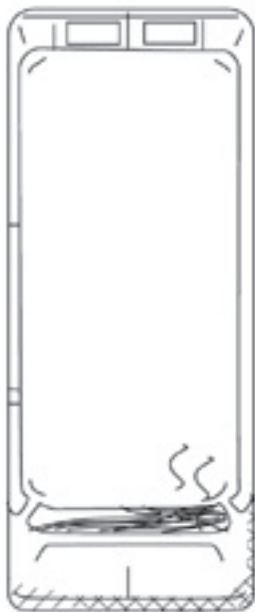
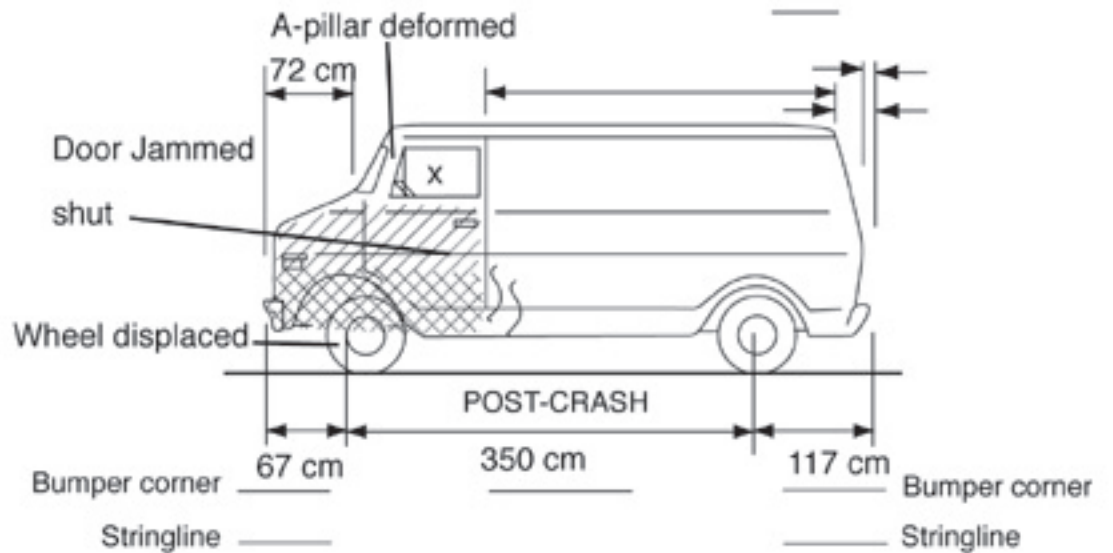
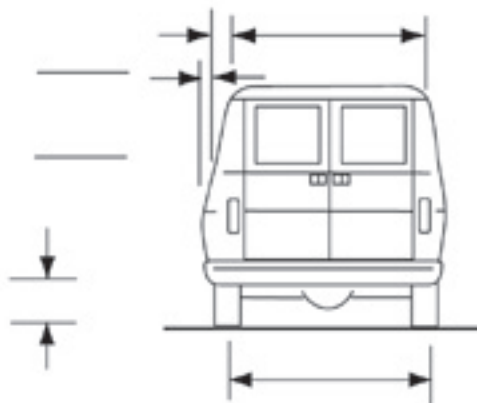
# MEASUREMENTS IN CENTIMETERS



Direct damage = 150 cm

Max crush = 50 cm

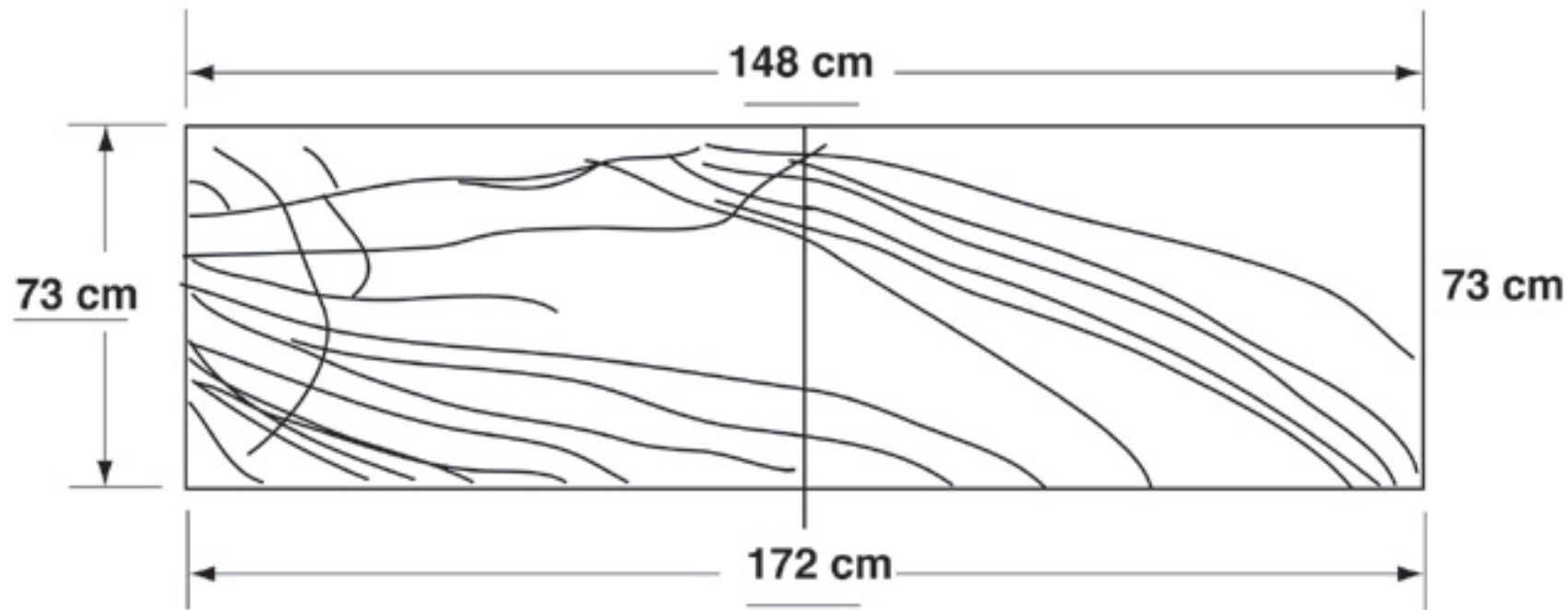
Original  
Bumper Height



WINDSHIELD MARK ON CASE VEHICLE:

SHADED  
SOLAR RAY

SAFETY      **PPG**      FLO-LITE  
AS1      LAMINATED



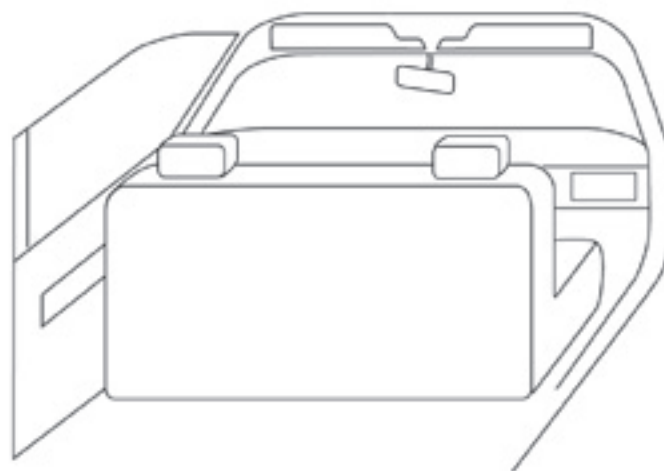
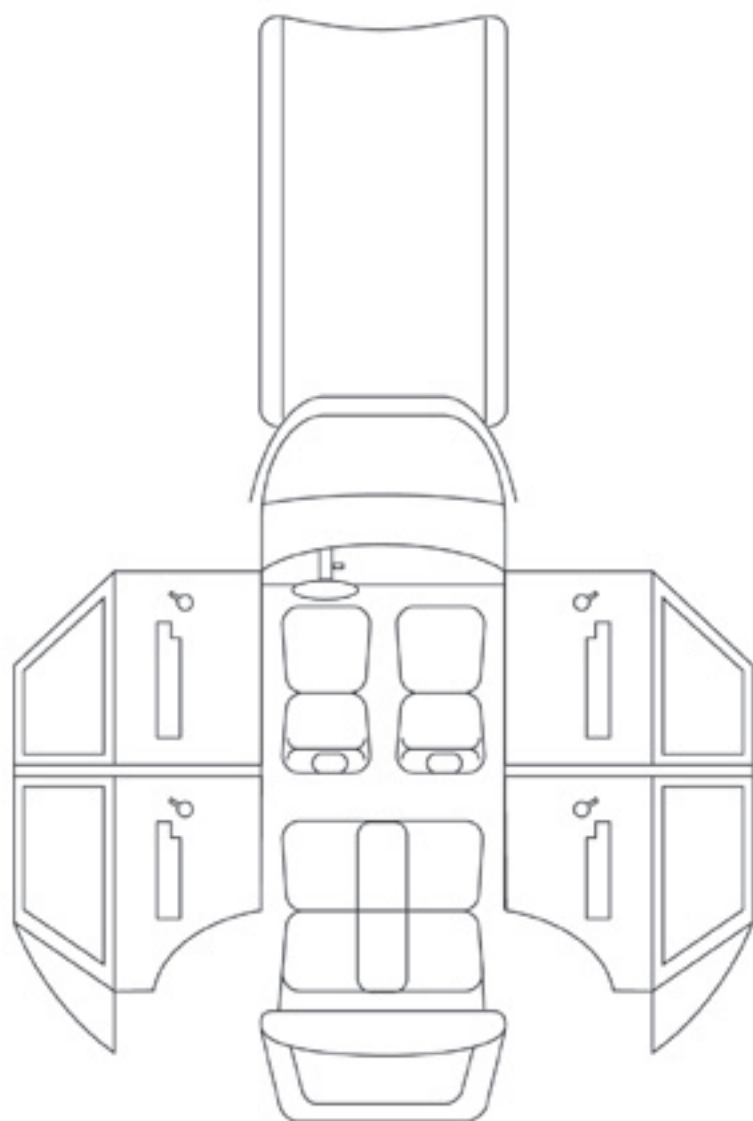
1 = Definitely 2 = Probably 3 = Possible

## INTRUSION IT-1

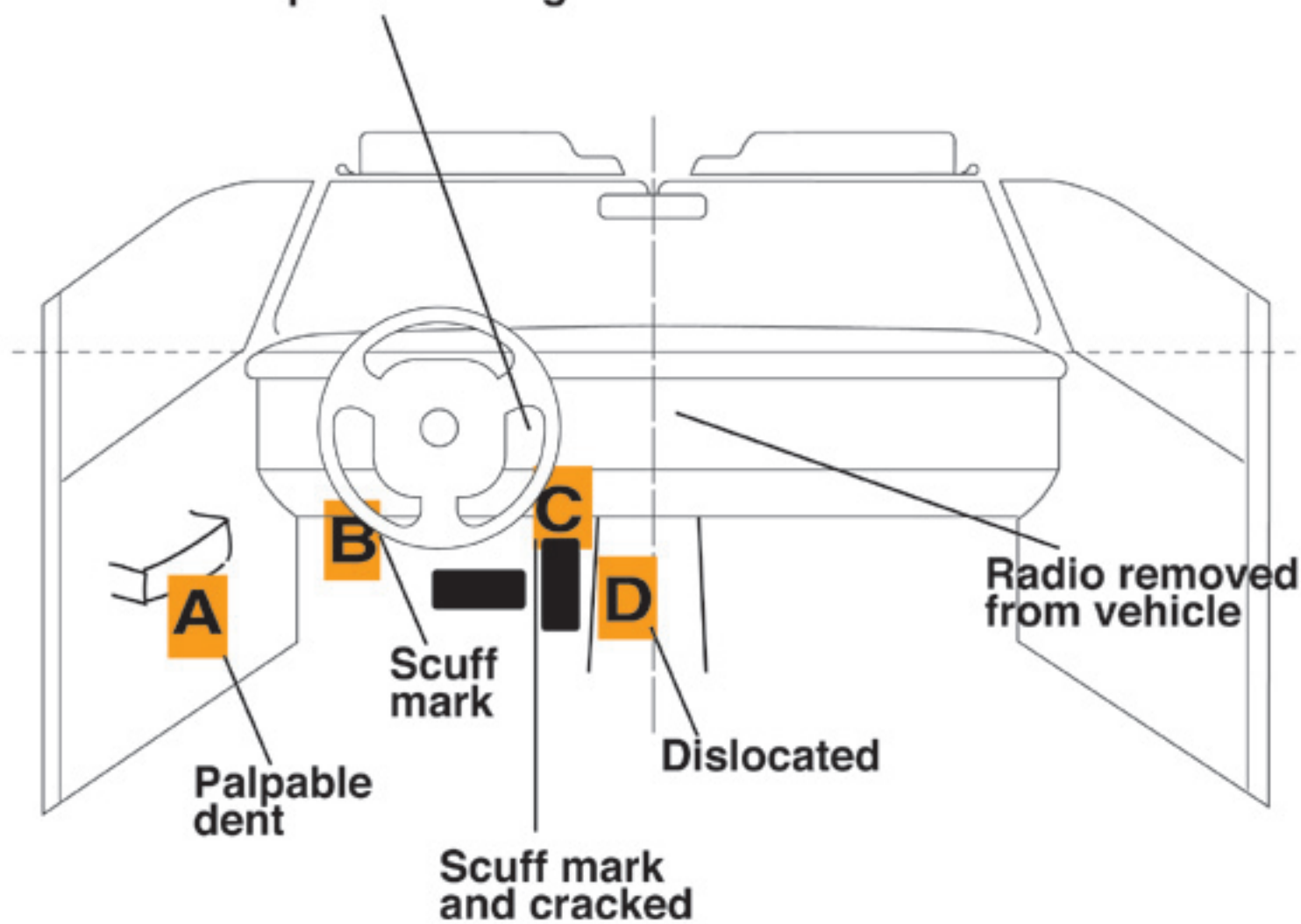
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
11	Kickpanel	83	–	63	= 20	to right
11	Door	81	–	58	= 23	to right
11	Floor pan		–		= 8 (est)	up
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

## OCCUPANT CONTACT WORKSHEET

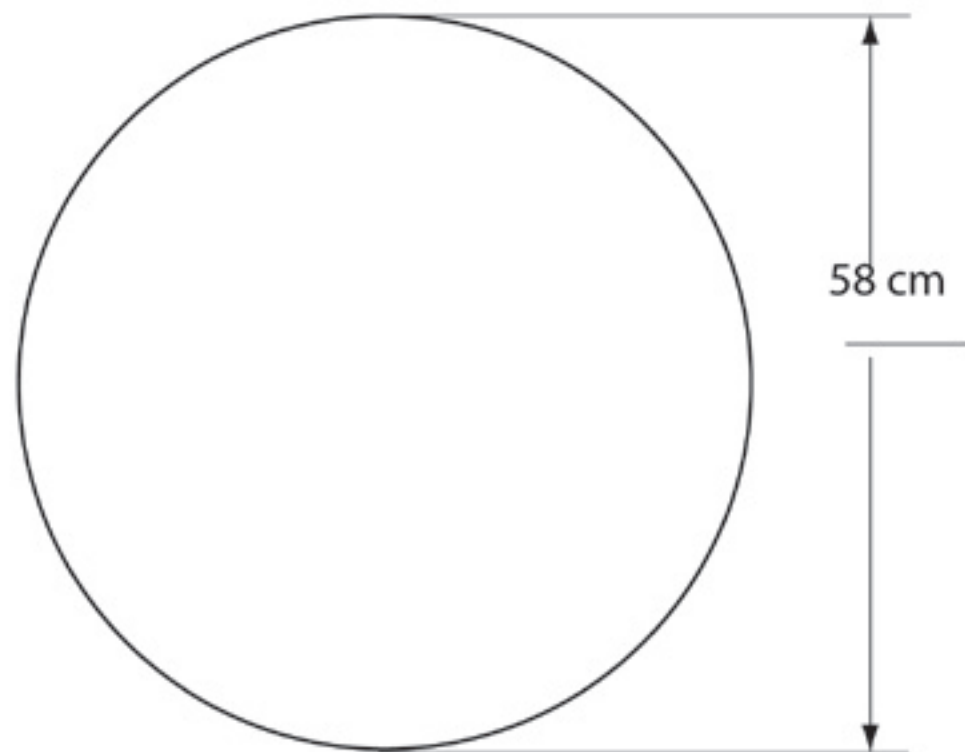
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Arm rest	1	Knee	Palpable dent	1
B	Knee bolster	1	Knee	Scuff mark	1
C	Knee bolster	2	Torso	Scuff mark and crack	1
D	Center console	2	Knee	Dislocated	2
E					
F					
G					
H					
I					



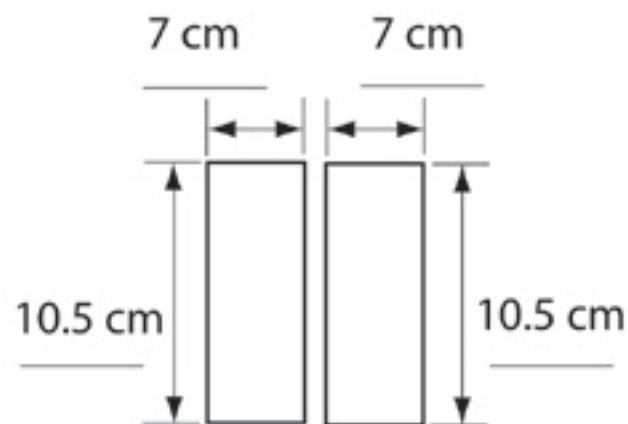
**Instrument panel dislodged**



Driver Airbag



Driver Airbag Doors

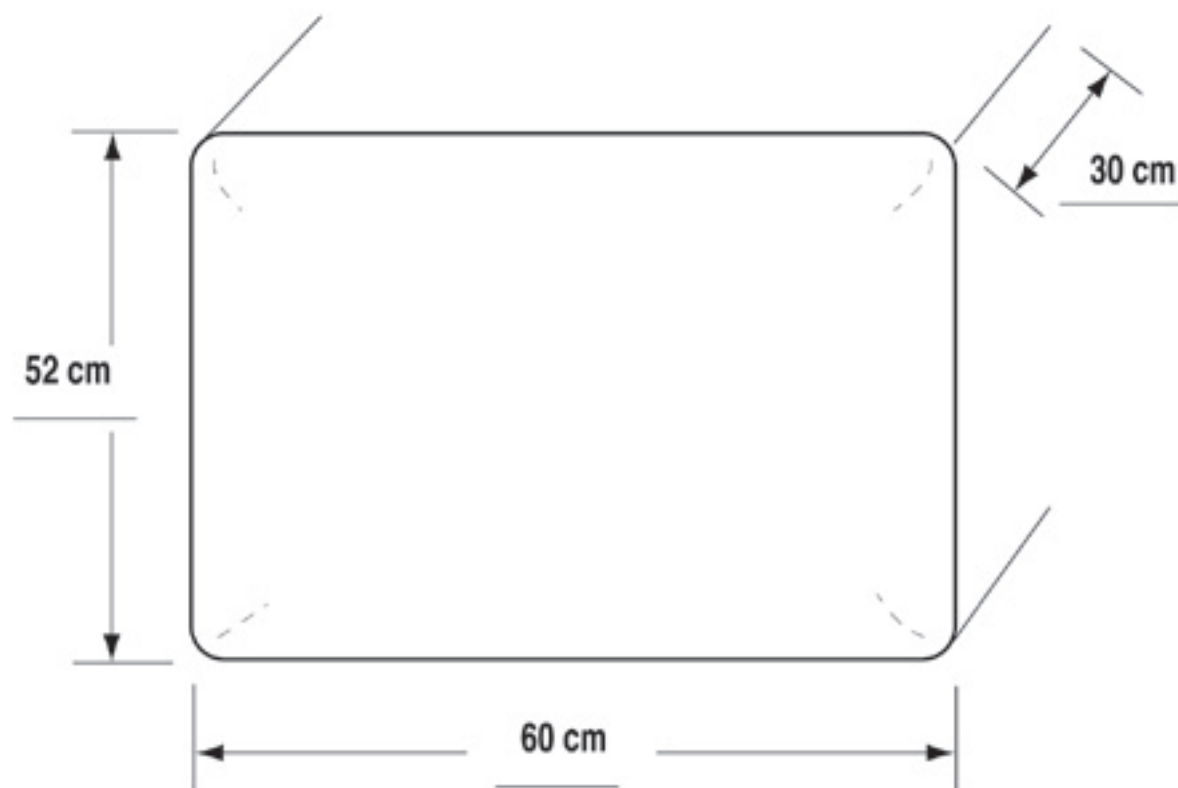


Vents: ☒ Y ☐ N  
if yes, how many: 2

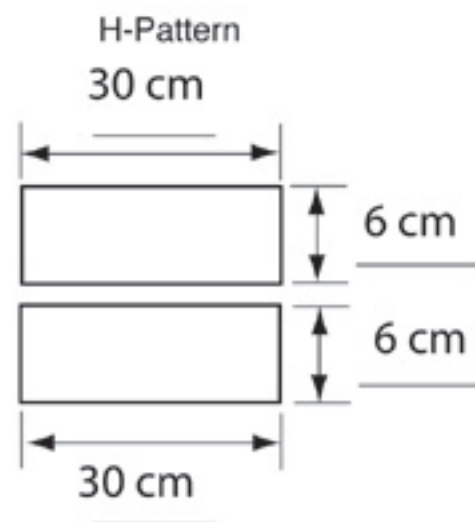
Tethers: ☒ Y ☐ N  
if yes, how many: 2



### Passenger Airbag



### Passenger Airbag Doors



Vents: ☒ Y ☐ N

if yes, how many: 2

Tethers: ☐ Y ☒ N

if yes, how many:

# Case # 269: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	22	Window glass (side)	<a href="#">more</a>
V2104 — Primary OIC -body Region	08	Head/skull	<a href="#">more</a>
V2105 — Primary OIC -aspect	23	Whole region	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	HWCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	22	Window glass (side)	<a href="#">more</a>
V2104 — Primary OIC -body Region	08	Head/skull	<a href="#">more</a>
V2105 — Primary OIC -aspect	23	Whole region	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	HWAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	02	Back	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	20	Strain	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	13	Muscles	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	BITM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 269: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	1	Left	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	37	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	082 kg	—	—
V2009 — Occupant Height	178 cm	—	—
V2010 — Occupant Sex	1	Male	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	<a href="#">more</a>
V2012 — Injury Severity Score	02	ISS 2	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	1	C - Possible injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>

V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>
V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	9	Unknown	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>

# Case # 269: Occupant # 2; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	55	Middle instrument panel	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	08	Head/skull	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	HLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 2; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	55	Middle instrument panel	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	03	Chest	<a href="#">more</a>
V2105 — Primary OIC -aspect	12	Left	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	CLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—



## Case # 269: Occupant # 2; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	55	Middle instrument panel	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	23	Wrist/hand	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	WRAI 1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	02	Occupant #2	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	3	Center	<a href="#">more</a>
V2005 — Occupant Position -posture	83	Lying/sitting on object in passenger compartment	<a href="#">more</a>
V2006 — Occupant Age In Years	48	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	054 kg	—	—
V2009 — Occupant Height	165 cm	—	—
V2010 — Occupant Sex	2	Female	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	<a href="#">more</a>
V2012 — Injury Severity Score	01	ISS 1	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	2	B - Non-incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	0	None	<a href="#">more</a>
V2016 — Active Restraint Usage	8	Not applicable (none available)	<a href="#">more</a>
V2017 — Passive Restraint System	0	None	<a href="#">more</a>
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>

V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>
V2023 — Head Restraint Available	0	Not Equipped or Removed	<a href="#">more</a>
V2024 — Occupant Eyewear	9	Unknown	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>

# Case # 269: Occupant # 3; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FIAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 3; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FICI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 3; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FICI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 3; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	12	Leg (lower)	<a href="#">more</a>
V2105 — Primary OIC -aspect	21	Unknown	<a href="#">more</a>
V2106 — Primary OIC -lesion	01	Abrasion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	LUAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 269: Occupant # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	03	Occupant #3	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	5	Right	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	09	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	027 kg	—	—
V2009 — Occupant Height	122 cm	—	—
V2010 — Occupant Sex	2	Female	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	<a href="#">more</a>
V2012 — Injury Severity Score	01	ISS 1	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	2	B - Non-incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>



V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>
V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	9	Unknown	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>





















































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